Giada

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Industry Control Series

Fanless | Reliable Unattended Technology

Slim Design | High Reliable Heat-pipe Cooling Solution

F300 Fanless and Dust-proof with Aluminum Chassis

Application Scene

Electric White Board

Outdoor Ads

Hotel System

Cinema Digital Ads

Giada

Leader in Embedded Computing

F102D

F110D

F109

F300

Specifications		F102D	F110D	F109	F300
	CPU Architecture	Cedar Trail-M	Baytrail-M	Baytrail D	Haswell U series
	CPU	Intel® Atom™ Processor N2600	Intel® Celeron® Processor N2807/N2808	Intel® Celeron® Processor J1900	Intel® Core™ i7/i5/i3 Processor
	Chipset	Intel® NM10 Express	Integrated into CPU	Integrated into CPU	Integrated into CPU
	RAM	1x SO-DIMM DDR3-1066	1x SO-DIMM DDR3L-1066/1333	1* SO-DIMM DDR3L 1333	1x SO-DIMM DDR3L-1333/1600
		Max. up to 4G	Max. up to 4G	Max. Up to 4G	Max. up to 8G
Thermal Solution		Fanless	Fanless	Fanless	Fanless
Graphics	GPU	Intel® GMA 3600	Intel® HD Graphics	Intel® HD Graphics	Intel® HD Graphics 4400
	Microsoft® DirectX®	9	11	11	11
	Display Interface	HDMI + VGA	HDMI + VGA	HDMI + VGA	2* DP or 1*DP + 1*HDMI
	Resolution	VGA: 1920x1080 @ 60Hz	VGA: 2056x1536 @ 60Hz	VGA: 2056x1536 @ 60Hz	DP : 3200x2000 @ 60Hz
		HDMI:1920x1080 @ 60Hz	HDMI:1920x1080 @ 60Hz	HDMI:1920x1080 @ 60Hz	HDMI:3840x2160 @ 24Hz
I/O Interfaces	Audio Jack	1x Mic in	1x Mic in	1x Mic in	1x Mic in
		1x Audio out&S/PDIF Combo	1x Audio out&S/PDIF Combo	1x Audio out&S/PDIF Combo	1x Audio out
	Ethernet	2x RJ-45(Gigabit LAN)	2x RJ-45(Gigabit LAN)	1x RJ-45(Gigabit LAN)	1x RJ-45(Gigabit LAN)
	Wireless	Optional	Optional	Optional	Optional
	IR	Yes	Yes	Yes	Yes
	USB	1x USB2.0+4x USB2.0	1x USB3.0+4x USB2.0	1x USB3.0+4x USB2.0	4x USB3.0+2x USB2.0
	COM	2	2	1	2
	SIM Card slot	1	N/A	N/A	1
	DC-IN Jack	19V	19V	19V	19V /12V
Storage	SSD	Support mSATA Type	Support mSATA Type	Support mSATA Type	Support mSATA Type
	HDD	Support 2.5" SATA III/II Type	Support 2.5" SATA III/II Type	Support 2.5" SATA III/II Type	Support 2.5" SATA III/II Type
	Expansion Slot	2x Mini-PCIE(Full-length for	2x Mini-PCIE(Full-length for	2x Mini-PCIE(Full-length for	3x Mini-PCIE(1x mSATA;
		mSATAII SSD; Half-length for PCIE/USB)	mSATAII SSD;Half-length for PCIE/USB)	mSATA SSD;Half-length for PCIE/USB)	1x PCIe/USB; 1xPCIe)
System Management Technology		*RTC Wake Up	*RTC Wake Up	*RTC Wake Up	*RTC Wake Up
		*Wake On LAN	*Wake On LAN	*Wake On LAN	*Wake On LAN
		*Auto Power On	*Auto Power On	*Auto Power On	*Auto Power On
		*Watch Dog Timer	*Watch Dog Timer	*Watch Dog Timer	*Watch Dog Timer
				*JAHC Support	*JAHC Support
	Operating Temperature	0~40℃	0~40℃	0~35℃	0~35℃
	Size	190 x 149 x 25.5mm	190 x 149 x 25.5mm	190 x 149 x 25.5mm	260 x 175 x 35mm
Support OS		Windows® 7 & Linux	Windows® 7/8 & Linux	Windows® 7, 8 &Linux	Windows® 7, 8 &Linux
Chassis Material		Metal	Metal	Metal	Aluminum
Accessories		1 x Driver CD	1 x Driver CD	1 x Driver CD	1 x Driver CD
		1 x AC Adaptor	1 x AC Adaptor	1 x AC Adaptor	1 x AC Adaptor
		1 x AC Power Cable	1 x AC Power Cable	1 x AC Power Cable	1 x AC Power Cable
		4 x Circular Foot-padding	4 x Circular Foot-padding	4 x Circular Foot-padding	4 x Circular Foot-padding

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